

1           8.     A method in accordance with Claim 1, wherein the specific act of the  
2 external client establishing a connection with the private corporate network comprises:

3                 a specific act of the external client establishing a connection with a Virtual  
4 Privacy Network (VPN) access server in the private corporate network.  
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6           9.     A method in accordance with Claim 8, wherein the VPN access server is  
7 implemented on the same server machine as a proxy server that serves the private  
8 corporate network.  
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10          10.    A method in accordance with Claim 8, wherein the VPN access server is  
11 implemented on a different server machine than a proxy server that serves the private  
12 corporate network.  
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14          11.    A method in accordance with Claim 1, wherein the public network  
15 comprises portions of the Internet.  
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1           12. In a computer program product for use in a network environment that  
2 includes a public network such as the Internet and a private corporate network contained in  
3 the public network, the public network including a client external to the private corporate  
4 network, the computer program product for implementing a method of a communications  
5 device of the external client establishing a secure connection over a public network to the  
6 private corporate network without restricting the communications device to working  
7 through the private corporate network, the computer program product including a  
8 computer-readable medium having stored thereon computer-executable instructions for  
9 performing the following;

10                   a specific act of the external client establishing a connection with the private  
11 corporate network over the public network using the communication device;

12                   a specific act of the external client providing security to the connection;

13                   a specific act of the external client maintaining a session that uses the secure  
14 connection to communicate with the private corporate network; and

15                   during at least a portion of the specific act of the external client maintaining  
16 a session that uses the secure connection, a specific act of the communication  
17 device retaining the ability to establish a separate and distinct connection with  
18 another resource outside of the private corporate network.

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20           13. A computer program product in accordance with Claim 12, wherein the  
21 computer-readable media comprises a tangible computer readable medium.

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23           14. A computer program product in accordance with Claim 12, wherein the  
24 computer-executable instructions for performing the specific act of the external client

1 establishing a connection with the private corporate network comprises a Transmission  
2 Control Protocol (TCP) module.

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4 15. A computer program product in accordance with Claim 14, wherein the  
5 computer-executable instructions for performing a specific act of the external client  
6 providing security to the connection comprises a Secure Socket Layer (SSL) module.

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8 16. A computer program product in accordance with Claim 12, wherein the  
9 computer-executable instructions for performing a specific act of the external client  
10 providing security to the connection comprises a Secure Socket Layer (SSL) module.

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12 17. A computer program product in accordance with Claim 12, wherein the  
13 computer-executable instructions for performing a specific act of the external client  
14 providing security to the connection comprises a Wireless Transport Layer Security  
15 (WTLS) module.

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17 18. A computer program product in accordance with Claim 12, wherein the  
18 computer-executable instructions for performing a specific act of the external client  
19 providing security to the connection comprises a module that reside at or above the socket  
20 layer in a protocol stack.

1           19. In a network environment that includes a public network such as the  
2 Internet and a private corporate network contained in the public network, the public  
3 network including a client external to the private corporate network, a method of a  
4 communications device of the external client establishing a secure connection over a public  
5 network to the private corporate network without restricting the communications device to  
6 working through the private corporate network, the method comprising the following;

7           a step for securely connecting to the private corporate network while  
8 retaining the ability to establish a separate and distinct connection with a resource  
9 outside of the private corporate network; and

10           during at least a portion of the step for security connecting, a specific act of  
11 establishing a connection with the resource outside of the private corporate  
12 network.

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14           20. A method in accordance with Claim 19, wherein the step for securely  
15 connecting to the private corporate network comprises the following:

16           a specific act of the external client establishing a connection with the private  
17 corporate network over the public network using the communication device;

18           a specific act of the external client providing security to the connection;

19           a specific act of the external client maintaining a session that uses the secure  
20 connection to communicate with the private corporate network; and

21           during at least a portion of the specific act of the external client maintaining  
22 a session that uses the secure connection, a specific act of the communication  
23 device retaining the ability to establish a separate and distinct connection with  
24 another resource outside of the private corporate network.

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21. A method in accordance with Claim 11, wherein the public network  
comprises portions of the Internet.

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25. A method in accordance with Claim 22, wherein the specific act of the server computer system facilitating the providing of security to the connection comprises:

a specific act of using Secure Socket Layer (SSL), to facilitate the providing of security to the connection.

26. A method in accordance with Claim 22, wherein the specific act of the server computer system facilitating the providing of security to the connection comprises:

a specific act of using Wireless Transport Layer Security (WTLS), to facilitate the providing of security to the connection.